ARG55384
anti-NDUFS6 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes NDUFS6
Tested Reactivity	Hu
Predict Reactivity	Mk
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NDUFS6
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 28-56 (Center) of Human NDUFS6.
Conjugation	Un-conjugated
Alternate Names	NADH dehydrogenase [ubiquinone] iron-sulfur protein 6, mitochondrial; CI13KDA; CI-13kA; CI-13kD-A; Complex I-13kD-A; NADH-ubiquinone oxidoreductase 13 kDa-A subunit

Application Instructions

Application table

Application	Dilution
WB	1:1000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	NCI-H460

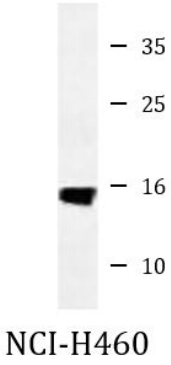
Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 4726 Human Swiss-port # O75380 Human
Gene Symbol	NDUFS6
Gene Full Name	NADH dehydrogenase (ubiquinone) Fe-S protein 6, 13kDa (NADH-coenzyme Q reductase)
Background	This gene encodes a subunit of the NADH:ubiquinone oxidoreductase (complex I), which is the first enzyme complex in the electron transport chain of mitochondria. This complex functions in the transfer of electrons from NADH to the respiratory chain. The subunit encoded by this gene is one of seven subunits in the iron-sulfur protein fraction. Mutations in this gene cause mitochondrial complex I deficiency, a disease that causes a wide variety of clinical disorders, including neonatal disease and adult-onset neurodegenerative disorders.[provided by RefSeq, Oct 2009]
Function	Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. [UniProt]
Research Area	Cancer antibody; Controls and Markers antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	14 kDa
Cellular Localization	Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

Images



ARG55384 anti-NDUFS6 antibody WB image

Western blot: 35 µg of NCI-H460 cell lysate stained with ARG55384 anti-NDUFS6 antibody.